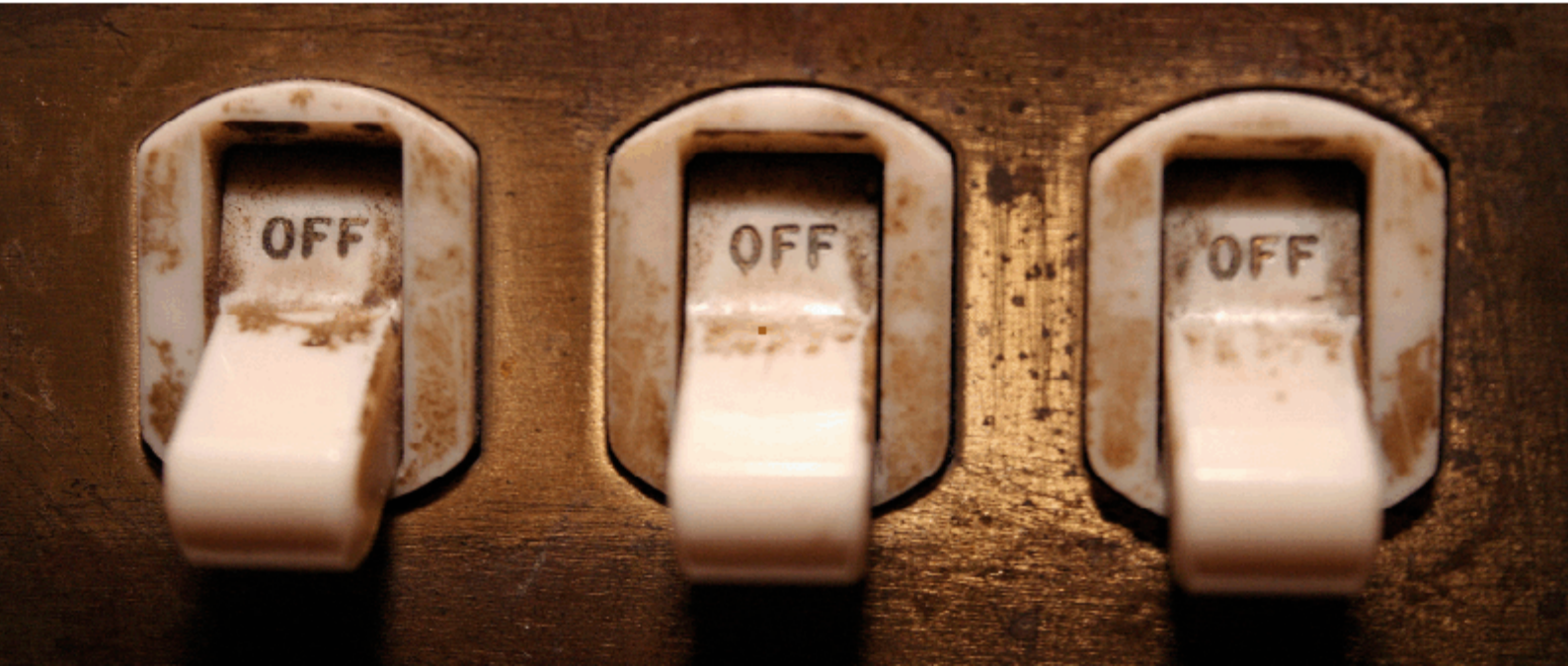


Cheshire and Warrington Off Gas Grid Study



Phase 2 Contacting end users and supply chain businesses



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Executive Summary

The [Renewable Heat Incentive](#)¹ (RHI) consultation [tariff rates for biomass](#)² looks very attractive. Some modelling undertaken by third parties suggest payback times within seven years but income for 15 years. These models have been undertaken in areas with mains gas so the incentive to change in areas off gas is even greater. [Evidence from Upper Austria](#)³ indicates that where a smaller incentive was offered, the heating oil market dipped from 36% to 7% over four years while renewable heating technologies more than doubled over the same period.

Are we prepared for this type of change? The simple answer is no. Over 2,000 businesses located more than 250 metres from mains gas were directly contacted. They were given brief details of the RHI and asked to register on a specially designed website if they wanted to know more. The response rate was around 1%. While this might not be considered too bad for a commercial mail-out, it is a disappointing response considering the potential economic impact.

More worrying was the response from heating oil engineers who serve this area. Few had heard of the RHI or the Microgeneration Certification Scheme which they will require to install small scale renewable technologies. They will need to re-train quickly if they are to retain market share of the rural heating business.

So what next? What do we need to do? This study has identified five potential clusters of businesses off the gas grid. These are:

1. Moore Business Park, Warrington
2. Appleton Thorn & Barley Castle Trading Estates, Appleton
3. Firmin Coates Estate, Byley, Middlewich
4. Wardle, Nantwich
5. Royal Ordnance & Business Park, Radway Green, Crewe

It is suggested that as well as pursuing those businesses that signed up to the website, these cluster areas are specifically targeted. In addition some work should be undertaken to ensure there are enough qualified installers to service this predicted boom.

To achieve these aims a multi-agency approach and Expression of Interest to the Rural Carbon Challenge Fund is the advised next step.

¹ www.decc.gov.uk/en/content/cms/consultations/rhi/rhi.aspx

² www.rhincincentive.co.uk/eligible/levels/

³ www.resource05.co.uk/presentations/day3/Christiane_Egger2.pdf

Introduction

The Mersey Forest was commissioned by Cheshire & Warrington Enterprise Commission to produce this report as part of the Cheshire & Warrington Climate Change Programme, funded by the Northwest Regional Development Agency. One of the key interventions identified in the [Cheshire & Warrington Climate Change Action Plan](#) is to “Develop the Biomass Supply Chain” including to promote biomass heating and support companies in the supply chain. This could lead to job creation opportunities for the local area as well as economic and environmental benefits to businesses.

Background

The initial driver for this study was work carried out in the [Weaver Valley Regional Park Climate Change Action Plan](#)⁴. It identified that there were large areas off the gas grid and that biomass was a credible low carbon heating alternative. Subsequently, phase one of the [Cheshire and Warrington Off Gas Grid Study](#)⁵ was undertaken. This identified the areas that are off the gas network, the number and the size of businesses in these locations and some indication of energy use. It was apparent that large parts of the Cheshire and Warrington sub region were off the mains gas network and at a regional level comparable with some parts of Cumbria where you would more readily expect this situation. In terms of potential it was a good solution to switch to biofuels but the increased capital equipment cost was preventing better penetration of the technology. However, proposals for the Renewable Heat Incentive (RHI) then emerged which looked likely to reverse this capital cost imbalance.

This Phase Two report of the Cheshire and Warrington Off Gas Grid Study was undertaken at a critical time with very simple aims: to identify precisely all businesses off the gas grid in order to begin to provide them with information and assistance in advance of the Renewable Heat Incentive. It also undertook to contact businesses in the fuel/rural energy supply chain serving these areas to gauge their understanding and readiness for the RHI.

⁴ <http://www.weavervalley.org.uk/Climate+Change-+Part1.htm>

⁵

www.climatechangenorthwest.co.uk/assets/files/documents/oct_09/cli_1256748681_MerseyForestOff_gridgasStudyFin.pdf

From raw data to full contact details and energy use

Data acquisition

The data for this stage of the study was purchased from the [Valuations Office Agency](#)⁶ (VOA). Two datasets for commercial properties in Cheshire and Warrington were acquired. These were the Ratings List (RL) and Summary Valuations (SV). These two datasets came as separate geographic/political areas as below.

- Cheshire West and Chester
- Congleton
- Crewe and Nantwich
- Macclesfield
- Warrington

An example of Summary Valuation can be found in Appendix 1.

Data conversion

The raw RL and SV datasets were brought together into a single dataset called the Unionised Data and then data fields that were not necessary to this study were removed to make it more manageable. This was a very large dataset of almost 29,000 records.

Using the Off Gas Grid postcodes from the first study we further manipulated the dataset to show only premises more than 250m away from the gas mains. This then gave us a dataset of 2,402 records called Unionised Off Gas.

Data manipulation using Energy Benchmarks

Using the property description fields and the size of the property it is possible to make an estimated calculation of annual energy use. This was calculated using the book [“Energy Benchmarks” from CIBSE](#)⁷. The first part of this process involved using the property description of the 2,402 records in the Unionised Off Gas dataset to allocate each property one of 29 benchmark categories. These broad categories are shown in Appendix 2. However, Property Descriptions from the VOA did not always match the Category Name so a further list of 237 Building Types had to be consulted to get the best match.

A simple calculation was made by multiplying the adjusted Energy Benchmark by the property size to gain a ranked value. Adjustments can be made for weather, separate process energy use and occupancy. However these adjustments were not carried out – this was because a comparative ranking of properties was required rather than a highly accurate list. In addition, the figures obtained must be taken with a pinch of salt. For instance, a high figure

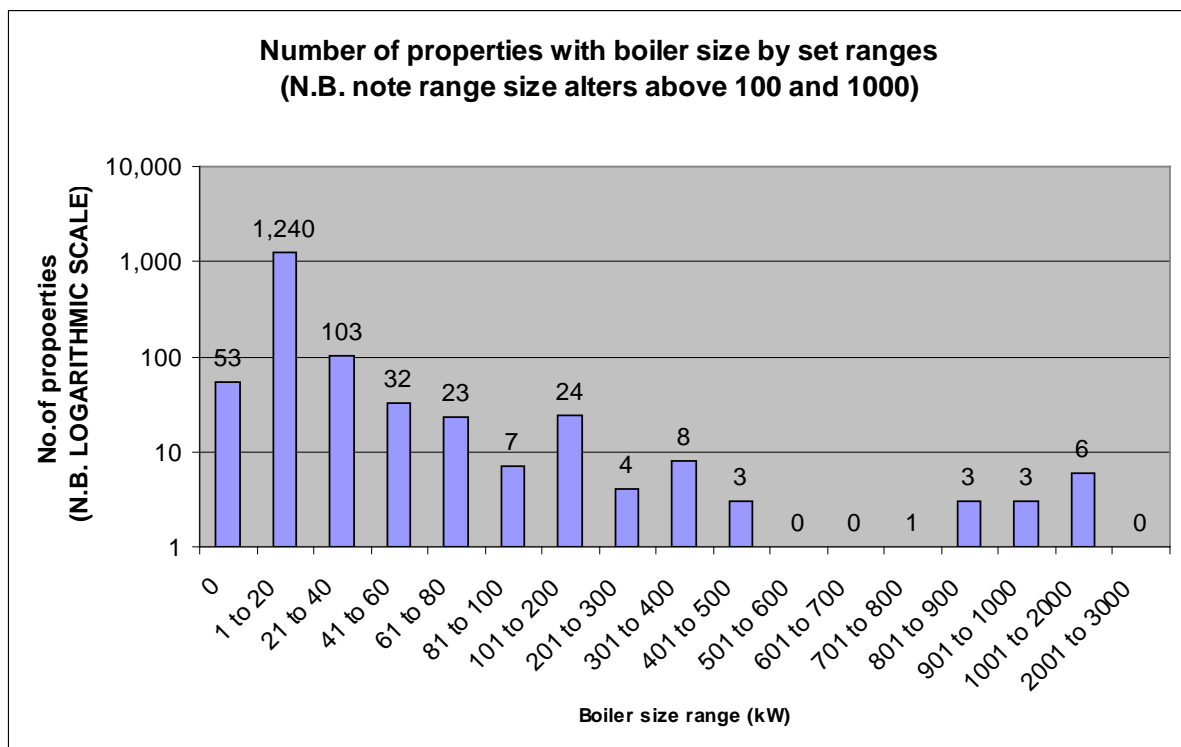
⁶ www.voa.gov.uk/

⁷ www.cibse.org/index.cfm?go=publications.view&item=404

could be obtained for very large warehousing but in reality this property may be minimally heated.

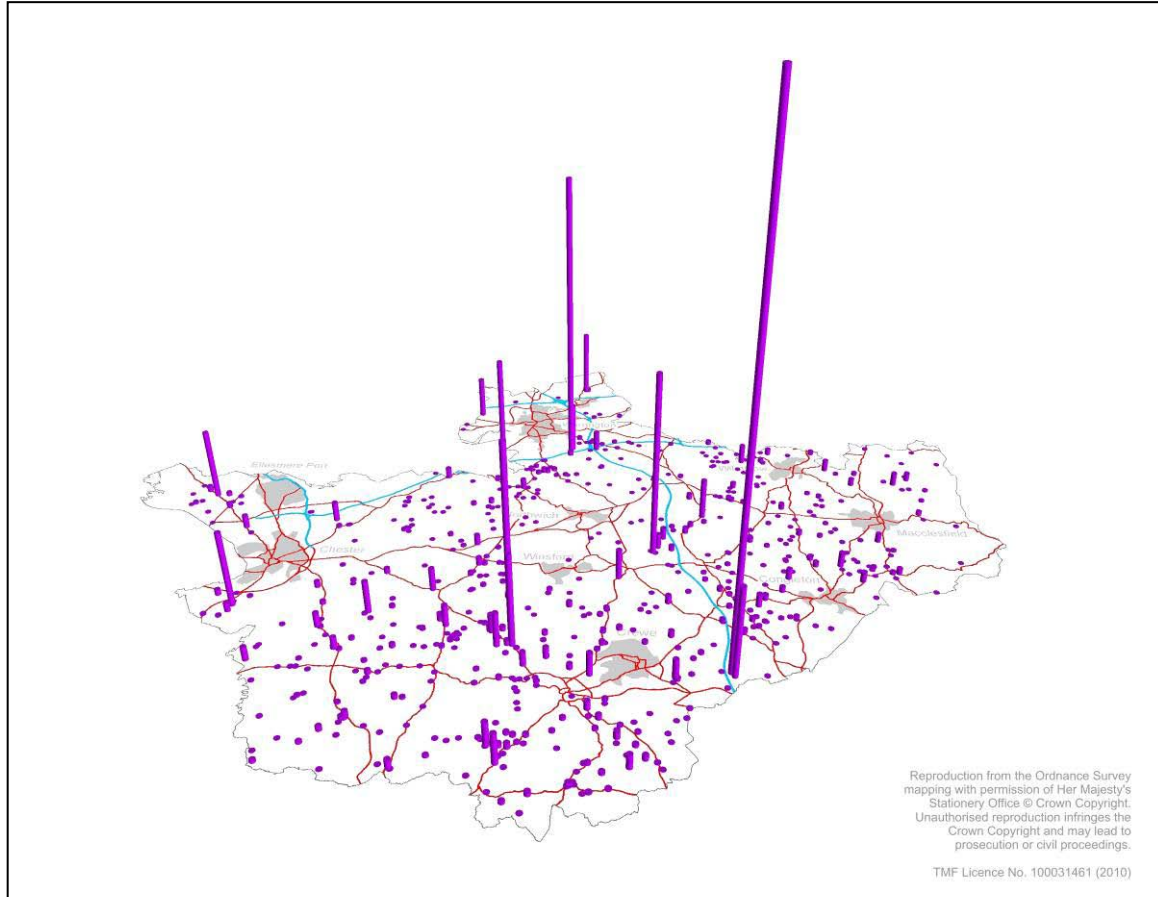
Energy rankings

Figures for the energy use split between properties in these off gas grid areas has already been calculated and originally shown in the phase 1 study and below. This follow-on study is about identifying these energy users for follow on work. Due to data restrictions we cannot reveal in this public document those businesses. We have produced a separate copy of this document with restricted appendices showing all users with an estimated annual energy use over 1GWh.



Heat density map

We have taken the energy rankings data we have gleaned to produce what is known as a heat density map. This identifies hotspots of energy use in off gas grid areas rather than just a set of points with no energy use attributed to them as was produced in the previous report.



Off Gas Grid Heat Density map for Cheshire and Warrington

Contacting energy-using businesses

Energy user mail-out

One of the key aims of this study was to contact all those businesses off the gas main. It coincided with the release by Department of Energy and Climate Change (DECC) of provisional details of the Renewable Heat Incentive (RHI) so this was doubly useful as the suggested payments are particularly attractive to those off the gas mains. Several designs were initially assessed for what was decided to be a flyer/postcard mailshot. All the initial designs are shown in Appendix 7 but the one eventually chosen is below and is used on the front cover as it was thought that the image was particularly strong. It was also decided to use stamps rather than franks to enhance the postcard image.

Of the initial 2402 addresses 95 were removed as it transpired they were either cash machines or mobile phone masts which have there own ratings records in some circumstances. The total mail-out was 2307.

The final design of postcard used to contact end users



Dear business,

Not having access to mains gas means that your business heating costs can be twice that of your competitors.

However the government is bringing forward a new incentive that will pay you to use renewable heating sources each year for 15 years. The scheme, due to start in 2011, is called the Renewable Heat Incentive or RHI.

You could be using green heating oil, biomass, ground source heat pumps and other low carbon heating technologies.

In advance of this scheme we are contacting businesses in Cheshire and Warrington who are not connected to mains gas and have the most to benefit.

To read more about the RHI and to register to be contacted by an impartial advisor:

- Visit www.merseyforest.org.uk/RHI
- Or call The Mersey Forest Offices on 01925 816217.

There is nothing to lose and potentially much to gain.



David Jones
Acme Ltd
16 Smith Street
Suburb
Warrington
WA6 3RS



Printed on 25% post consumer recycled, 70% virgin FSC paper.

The website

In order to capture the details of those interested we produced a special webpage at www.merseyforest.org.uk/rhi with links to more details on the RHI and a space for contact details input.

The Mersey Forest online

renewable heat incentive

mersey forest - you

you

- for education
- for health
- for the economy
- for tourism
- for regeneration
- for communities
- for the environment
- for change
- how can I help?
- grants
- renewable heat incentive

What is the Renewable Heat Incentive?

The government is bringing forward a new incentive that will pay businesses to use renewable heating sources each year for 15 years. The scheme, due to start in 2011 is called the Renewable Heat Incentive or RHI. You could be using green heating oil, biomass, ground source heat pumps and other low carbon heating technologies.

Sign up for free, impartial advice:

Take a second to register your organisation's details to be kept up to date and to be contacted by an impartial advisor in the future:

* indicates required

First name *

Surname *

Company/organisation *

Postcode

Email Address *

Tel *

Submit

If you don't have an email address or experience any difficulties, you can also register your details by calling The Mersey Forest Offices on 01925 616217. Thanks.

Further information

Find out more about the RHI on the government's Department of Energy & Climate Change website at www.decc.gov.uk/en/content/cms/consultations/rhi/rhi.asp.

Northwest
RURAL DEVELOPMENT AGENCY

THE MERSEY FOREST
www.merseyforest.org.uk

Environment & Heritage
Department of Energy & Climate Change
e a

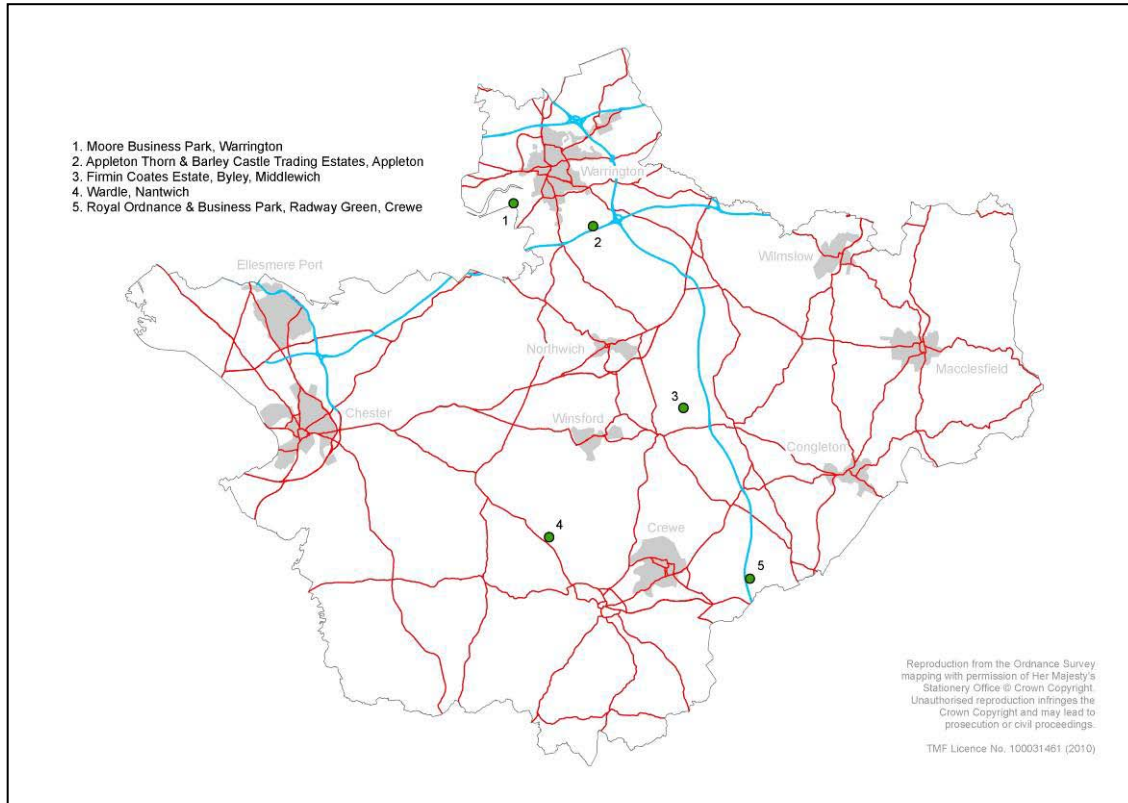
Screenshot of specially designed webpage

Responses

Of the 2307 cards sent out we had 23 returns by 01/04/10 or 1%. These are displayed in the restricted appendixes.

Heat Clusters

Whilst we cannot identify specific businesses we can identify broad areas where we know there is more than one business using >1GWh/yr. We have not yet carried out any ground truthing as this is intended to be carried out in Phase 3.



The energy supply chain in the area

From the initial study we identified several sub sectors in the Cheshire and Warrington off grid energy supply chain. We wanted to contact these companies in light of the Renewable Heat Incentive proposals. This was to gauge their awareness of the proposed scheme and the impact on their business. We suspect that the RHI has the potential to stop new and replacement heating oil and LPG installation within a few years.

Mail-out to supply chain

We contacted 136 supply chain businesses by letter with a prepaid return envelope with a short questionnaire. The businesses mailed are shown in appendixes 3 – 6. These consisted of:

- 36 Solid fuel suppliers with five responses (14%)
- 11 LPG suppliers no responses (0%)
- 39 Heating oil suppliers with one response (2.5%)
- 50 Heating oil engineers with 11 responses (22%)

The responses

The responses were quite an eye opener. Of the total of 17 responses only two had heard of the RHI and only four thought it would be of concern to their business. This is quite worrying as it not only shows little awareness of the scheme, but also the majority of oil fired heating engineers thought it would have little impact on their business.

Solid fuel suppliers

While there were five responses, three were to say that the businesses had ceased trading. It is presumed that this is because these are traditionally coal supply businesses, vulnerable within what is a shrinking coal supply market. Of the two responses that answered the questions both delivered wood products.

Liquid Petroleum Gas (LPG) suppliers

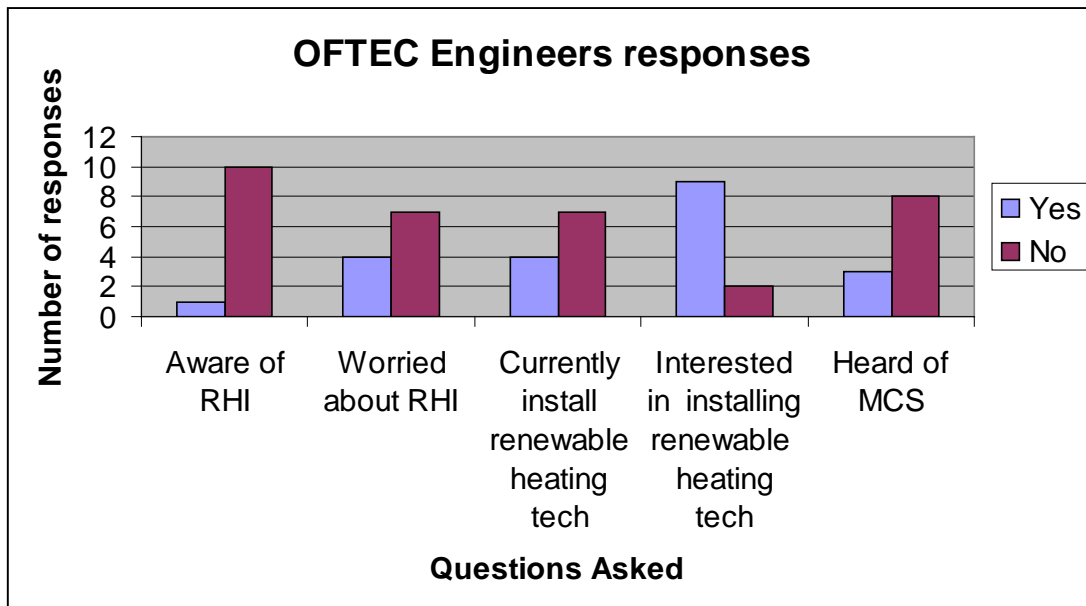
There were no responses from LPG businesses.

Heating oil suppliers

Only one response was received so no real analysis can be made.

Heating oil engineers

Better analysis is available here as there were 11 responses out of 50 mail-outs.



Supply chain issues

We suspect there is likely to be some major supply chain issues if the RHI takes off quickly. There is some existing fuel supply infrastructure that could expand if necessary or simply be imported from outside the sub region. However there is likely to be a severe shortage of skilled installers/servicers of renewable heating equipment. Considering that most equipment is likely to be in the sub 45kW range there needs to be Microgeneration Certification Scheme (MCS) accredited installers to qualify for RHI. There are currently [no accredited MCS biomass installers](http://www.microgenerationcertification.org/Home+and+Business+Owners/Microgeneration+Installers/Biomass/North+West+Region)⁸ in North West England let alone Cheshire and Warrington. Most of the existing oil fired heating engineers surveyed seem to be unaware of the RHI and MCS. These heating engineers are best suited to installing new equipment as they know their customers and their businesses will suffer as renewable heating technologies take an increasing part of the off gas grid heating market share.

⁸

www.microgenerationcertification.org/Home+and+Business+Owners/Microgeneration+Installers/Biomass/North+West+Region

Next steps

Phase 3 up to December 2010:

1. Responses from postcard mail-out:

- All the companies who responded will be contacted with a letter from The Mersey Forest.
- The Low Carbon Market Development team for Cheshire and Warrington at Envirolink Northwest has then agreed to follow up all these contacts.
- As well as information on the RHI, the Grant for Improving your Resource Efficiency will be offered in the first instance.

2. Dealing with the heat clusters:

- The Mersey Forest will undertake some ground truthing to establish that the bulk of the businesses at the heat clusters are using a fuel other than mains gas.
- The Mersey Forest will undertake to contact the existing business support organisations in the area (Businesslink and Groundwork's Environmental Business Service) to establish what relationships they have with businesses in these clusters.
- The most appropriate business support organisation will, where funding allows, provide information on the RHI, and market the Grant for Improving your Resource Efficiency.

3. Dealing with heating engineers:

- Saray Cruz, the Renewables Microgeneration specialist at Envirolink Northwest, will contact all the heating oil engineers with MCS accreditation details.

4. Rural Carbon Challenge Fund expression of interest:

- The Mersey Forest will submit an expression of interest to the Rural Carbon Challenge Fund to push forward a capital grant and training programme to install biomass heating to SMEs and community groups in rural Cheshire and Warrington.

Appendix 1 – Non domestic Summary Valuations data list

Ref	Field		Notes
	Assessment Reference		
	UARN		Internal key used to join tables
	Billing Authority Code		4 digit code which identifies the Billing Authority area.
1	Firm		Part of Address.
1	Number/name		Part of Address.
1	Sub Street 3		Lowest level of sub-street.
1	Sub Street 2		Middle level of sub-street.
1	Sub Street 1		First level of sub-street.
1	Street		Part of Address.
1	Postal District		Part of Address.
1	Town		Part of Address.
1	County		Part of Address.
1	Post Code		Part of Address.
2	Scheme Reference		
3	Property Description		Description of the property in the rating list.
4	Total Area		Total area of the line items for the property.
5	Subtotal		Total value of the line items for the property.
6	Total Value		Total Value of the property.
7	Adopted RV		The rateable value for the property shown in the rating list.
8	List Year		List year of the rating list. Summary valuations are only available for list year 2005.
9	Billing Authority		Name of the Local authority that calculates the rates bill for each rateable property
10	BA Ref		Reference value supplied by Billing Authorities
11	VO Ref		Reference value supplied by VO
12	Line	Possible one or more	Order of line items
13	Floor		Description of the floor level. i.e. ground, first & mezzanine
14	Description	Possible one or more	Description of the accommodation. i.e. showroom, office & workshop

		more	
15	Area m2/unit	Possible one or more	Area of the line item.
16	£/m2	Possible one or more	Price applied to the line item.
17	Value £	Possible one or more	The value of the line.
18	Other Additions description	Possible one or more	
19	Other Additions Area m2/units	Possible one or more	Area of the other addition.
20	Other Additions £/m2	Possible zero or more	Price applied to the other addition.
21	Other Additions Value £	Possible zero or more	The value of the other addition.
22	PM Value	May be one or zero	The value of the plant and machinery
23	CP Spaces	May be one or zero	Amount of car parking spaces
24	CP Spaces Value	May be one or zero	The value of the car parking spaces
25	CP Area	May be one or zero	Amount of area for car parking.
26	CP Area Value	May be one or zero	The value of the car parking area.
27	CP Total	May be zero or more	The total value for car parking included in the valuation.
28	Adjustment Description	Possible zero or more	Description of any adjustments made
29	Adjustment Percentage	Possible zero or more	The percentage +/- of the adjustments
30	Total before Adjustment		Total value before adjustments
31	Total Adjustment	May be one or zero	Total value of the adjustments

Appendix 2 – Energy Benchmark values

Categories, names and Energy Benchmark					
Cat	Name	Energy benchmark kWe h/m2	Energy benchmark kWth h/m2	Adjusted Energy benchmark kWth h/m2	Notes
1	General office	95	120	120	
2	High street agency	140	0	93	Heat = Two thirds of elec
3	General retail	165	0	110	Heat = Two thirds of elec
4	Large non-food shop	70	170	170	
5	Small food store	310	0	0	
6	Large food store	400	105	105	
7	Resturant	90	370	370	
8	Bar, pub or licensed club	130	350	350	
9	Hotel	105	330	330	
10	Cultural activities	70	200	200	
11	Entertainment halls	150	420	420	
12	Swimming pool centre	245	1130	1130	
13	Fitness and health centre	160	440	440	
14	Dry Sports and leisure facility	95	330	330	
15	Covered car park	20	0	13	Heat = Two thirds of elec
16	Public building with light usage	20	105	105	
17	Schools and seasonal public buildings	40	150	150	
18	University Campus	80	240	240	
19	Clinic	70	200	200	
20	Hospital (clinical and Research)	90	420	420	
21	Long term residential	65	420	420	
22	General accomadation	60	300	300	
23	Emergency services	70	390	390	

Categories, names and Energy Benchmark

Cat	Name	Energy benchmark kWe h/m2	Energy benchmark kWth h/m2	Adjusted Energy benchmark kWth h/m2	Notes
24	Laboratory or operating theatre	160	160	160	
25	Public waiting or circulation	30	120	120	
26	Terminal	75	200	200	
27	Workshop	35	180	180	
28	Storage facility	35	160	160	
29	Cold storage	145	80	80	

Appendix 3 – Solid fuel suppliers (respondents to questionnaire highlighted in green)

COMPANY	ADDRESS 1	ADD 2	ADD 3	ADD 4	ADD 5	P CODE
CPL Distribution	CPL Distribution	Customer Service Department	Mill Lane	Wingerworth	Chesterfield	S42 6NG
Fergusson Coal	Castlecraig Business Park	Players Road	Stirling			FK7 7SG
A J Hancock Ltd	The Coal Yard	Denton Drive Ind Est	Northwich			CW9 7LU
A McKiernon & Sons	Redhouse Lane	Stockport	Cheshire			SK12 2EW
A W Smith & Sons	2 Roberts Road	Lostock Gralam	Northwich			CW9 7PG
Aj Picton Quality Fuels	Arbury Croft	Arbury Lane	Winwick	Warrington	Cheshire	WA2 0RJ
Alsager	65 Bankhouse Drive	Congleton	Cheshire			CW12 2BL
Arthur Traynor	51 Queensgate	Castle	Northwich			CW8 1DU
C Lovatt	Ashmore House Farm	Rushton	Macclesfield			SK11 0RU
Calveley Coal Ltd	Station Yard	Nantwich Road	Calveley	Tarporley	Cheshire	CW6 9JT
Cheshire T & C Fuel	69A Manchester Road	Congleton	Cheshire			CW12 2HT
Crosthwaite Bros	108 Didsbury Road,	Heaton Chapel	Stockport			SK4 2HR
E White	6 Hilton Close	Middlewich	Cheshire			CW10 0PS
Field Ronald & Son	The Limes	Capenhurst Lane	Chester	Cheshire		CH1 6HE
G Fox Coal Merchants	Station Yard	Pillory Street	Nantwich	Cheshire		CW5 5SS
Grangewood Fuels Ltd	Grange Farm	Stonecross Lane	Lowton	Warrington		WA3 1JU
H D Weall	80 Davies Ave	Heald Green	Cheadle			SK8 3PG
Hambleton Fuel Merchants	33 Woodstock Avenue	Stockport	Cheshire			SK57HX
Hargreaves	Brunswick Wharf	Brook Street	Congleton			CW12 1RG
Hartley's Fuels	8 Clifford Ave	Timperley	Cheshire			WA15 6PB
J Brierley (Macclesfield) Ltd	Bakestonedale Road	Pott Shrigley	Macclesfield	Cheshire		SK10 5RX
J P Supplies Ltd	Oakwood House	76, Llys Derwen	H. Kinnerton	Chester	Cheshire	CH4 9AA
K Bosson & Son	38 Elworth St	Sandbach	Cheshire			CW11 1HA
Kirk & Co	Bay Tree House	Hedge Row	Rainow	Macclesfield	Cheshire	SK10 5DA

Knutsford Solid Fuels	Tabley Grove	Knutsford	Cheshire			WA16 0AP
Lloyd T R	Corner Ways	Saltney Ferry Rd	Saltney Ferry	Chester		CH4 0BN
McNeil J & Son	Wardale	Morley Green Rd	Wilmslow	Cheshire		SK95NY
Miller's Coal Merchant	Thorn Tree Farm	Ainsworth Lane	Crowton	Northwich		CW8 2RS
Pearsons Fuel	Rose Hill Goods Yard	Marple	Stockport	Cheshire		SK6 6PF
Rayner Bros	2 Congham Road	Stockport	Cheshire			SK39PB
Roy Wood	Hop Pole Kennels	Millhouse Lane	Croft	Warrington		WA3 7EX
Stafford Fuels	The Quarry Stockyard	off Marsh Lane	New Mills	Stockport		SK22 4PP
Tattenhall Coal	Tattenhall Rd	Newton-by-Tattenhall	Tattenhall	Chester		CH3 9DD
Taylor-Firth (Runcorn) Ltd	Unit 9, Cormorant Drive	Runcorn	Cheshire			WA7 4UD
Wynnstay Fuels	Saighton Lane	Waverton	Chester	Cheshire		CH3 7PD
Calveley Coal Ltd	Station Yard	Nantwich Road	Calveley	Tarporley		CW6 9JT

Appendix 4 – LPG suppliers (respondents to questionnaire highlighted in green = none)

Company	Address 1	Address 2	Address 3	Address 4	P Code
Air Products plc	2 Millennium Gate	Westmere Drive	Crewe	Cheshire	CW1 6AP
Alpine Hire Ltd	1, Chester Road	Warrington	Cheshire		WA4 6BE
Brookhouse Agricultural Services	Unit 4,Brookhouse Farm	Madeley	Nr Crewe	Cheshire	CW3 9JT
Broxton Gates	Barton Wells	Barton	Near Malpas	Cheshire	SY14- 7HZ
Calor Gas	Customer Operations Centre	Dockyard Road	Ellesmere Prt	Merseyside	CH65 4EG
Cheshire Gas	Staybrite Works	Peel Street	Stalybridge	Cheshire	SK15 1PT
Extra Fuel	618 Liverpool Road	Patricroft	Eccles	Manchester	
Flogas	Rayns Way,	Watermead Bus. Park	Syston	Leicester	LE7 1PF
Halton Gas	Deacon Road	Widnes	Cheshire		WA8 6EG
Morreys(Holmes Chapel)Ltd	8-10,The Square	Holmes Chapel	Cheshire		CW4 7AD
Warrington Autogas	Unit 41, Bank Quay Estate	Slutchers Lane	Warrington	Cheshire	WA1 1PJ

Appendix 5 – Heating oil suppliers (respondents to questionnaire highlighted in green)

Company	Address 1	Address 2	Address 3	Address 4	Add 5	P code
24/7 Fuel Deliveries	Old Moor Road	Bredbury	Stockport	Cheshire		SK6 2QE
Bayford & Co Ltd	Cobra Court	6 Lumsdale Road	Stretford	Manchester		M32 0UT
Boiler Juice						
Carlton Fuels	Milbuck Way	Springvale Industrial Estate	Sandbach	Cheshire		CW11 3JA
Carlton Fuels	Bramhall Oil Terminal	Chester Road	Poynton	Stockport	Cheshire	SK12 1DS
Carlton Fuels	302 Bridgewater Place	Birchwood Park	Warrington	Cheshire		WA3 6XG
Conoco Ltd	Chester Road	Poynton	Stockport	Cheshire		SK12 1DS
County Oil Group Ltd	Beca House	Ashville Way	S. Weaver	Runcorn	Cheshire	WA7 3EZ
CPL Petroleum	302 Bridgewater Place	Birchwood	Warrington	Cheshire		WA7 6XG
Crown Oil						
E G S Energy Services Ltd	Suite 6	3 Courthill House	Water Lane	Wilmslow	Cheshire	SK9 5AJ
Ebony Solutions Ltd	7 Beechwood Avenue	Hartford	Northwich		Cheshire	CW8 3AR
Eco-Oil Ltd	Fiddlers Ferry Power Station	Widnes Road	Cuerdley	Warrington	Cheshire	WA5 2UT
EMO Oil Ltd	Macon Way	Crewe	Cheshire			CW1 6DG
Flaym Fuels	Ashville Industrial Estate	Sutton Weaver	Runcorn	Cheshire		WA7 3EZ
G Force Fuels, Crewe	The Stables New House Farm	Clay Lane	Haslington	Crewe	Cheshire	CW1 5SQ
GB Oils Ltd	302 Bridgewater Place	Birchwood Park	Warrington	Cheshire		WA3 6XG
Heating Oil .co.uk						
In Fuel Ltd	Unit 4-5 Macon Court	Herald Drive	Crewe	Cheshire		CW1 6EA
Knutsford Domestic Fuel Oil	Wardle	Nantwich	Cheshire			CW5 6AF
L D Ltd, Tarporley	Rosemount	Aplrham	Tarporly	Cheshire		CW6 9JE
Malpas Fuel Oils	P.O Box 140	Nantwich	Cheshire			CW5 6FY
Martindale Fuels	2nd Floor 302 Bridgewater Place	Birchwood	Warrington	Cheshire		WA3 6XG
Morrey Oils Ltd	Saigton Lane	Waverton	Chester	Cheshire		CH3 7PD
N.W.F Fuels Ltd	Wardle	Nantwich	Chester			CW5 6AF

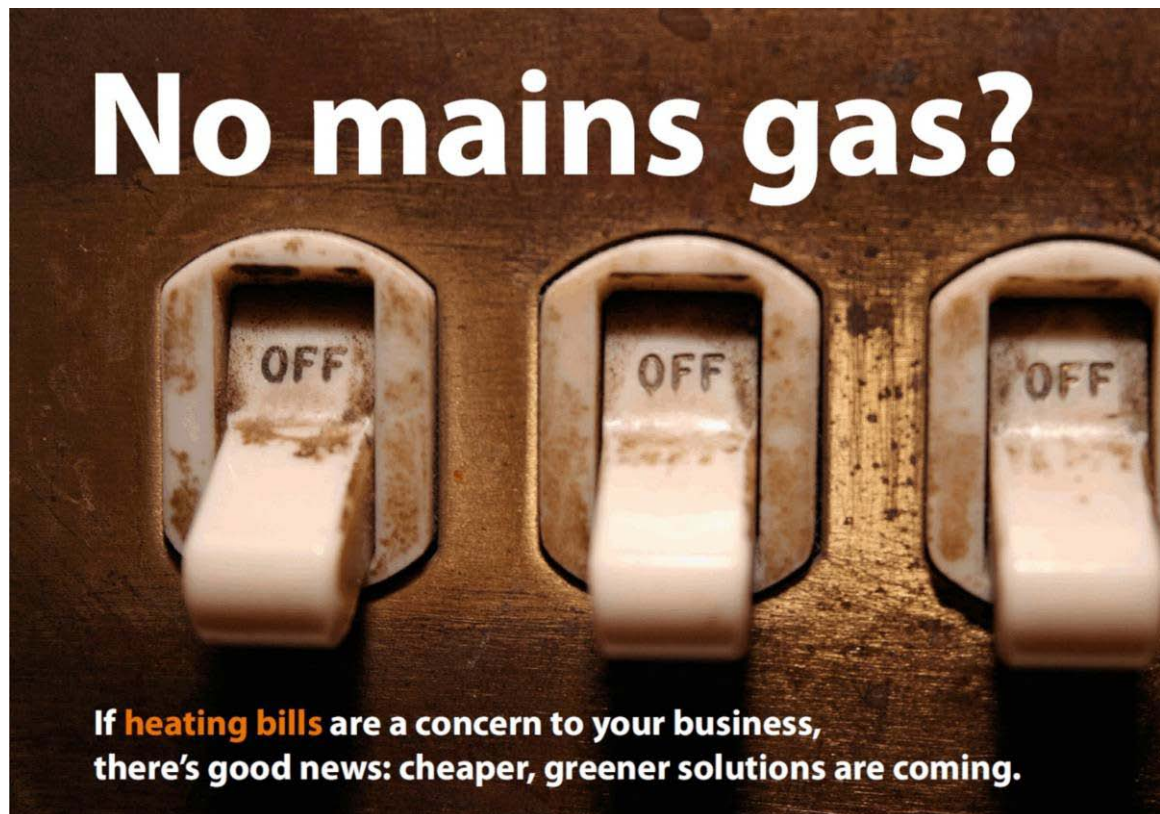
Oil Ignition Lessees Ltd	Bridgewater Road	Broardheath	Altrincham	Cheshire		WA14 1LZ
O'Neill's Fuels, Widnes	Macdermott Road	Widnes	Cheshire			WA8 0PF
RGD Services	The Nook	Tabley Road	Knutsford	Cheshire		WA16 0NF
Ribble Fuel Oils						
Rock Oil Co	90 Priestley Styreet	Warrington	Cheshire			WA5 1ST
Spot Petroleum Staffordshire	Stanney Mill Road	Little Stanney	Chester	Cheshire		CH2 4HX
Swan Petroleum, Middlewich	Middlewich Road	Byley	Middlewich	Cheshire		CW10 9NX
The Star Tractor & Motor Oil	Old Moor Road	Bredbury	Stockport	Cheshire		SK6 2QE
Thompson Petroleum	21 Tatton Drive	Sandbach	Cheshire			CW11 1DZ
U.K Fuels Ltd	Macon Court	4-5 Herald Drive	Crewe	Cheshire		CW1 6EA
U.K Fuels Ltd	P.O Box 262	Crewe	Cheshire			CW2 6GF
Watson Petroleum Ltd,	Hollingworth Road	Bredbury	Stockport	Cheshire		SK6 2AY
Wirral Heating Oil Ltd	Dunkirk Estates	By Pass Road	Dunkirk	Chester	Cheshire	CH1 6LZ
Wynnstay Fuels	Saigton Lane	Waverton	Chester	Cheshire		CH3 7PD

Appendix 6 – Heating Engineers - Oil (OFTEC) (respondents to questionnaire highlighted in green)

Company	Address 1	Address 2	Address 3	Address 4	P Code
R K Jeffrey Plumbing & Heating	Hillsdean	Heaton	Rushton Spencer	Macclesfield	SK11 0SH
Cheshire Stoves & Cookers	17A Welles Street	Sandbach	Cheshire		CW11 1GT
S Barrett Construction Ltd	8 Holford Street	Congleton		Cheshire	CW12 1HA
Tomkinson Heating Ltd	66 Buxton Road	Macclesfield		Cheshire	SK10 1JS
Domestic Plumbing Services	23 Stafford Road	Stockton Heath	Warrington	Cheshire	WA4 6RP
K Bennett Plumbing and Heating	471 Newcastle Road	Shavington	Crewe	Cheshire	CW2 5JU
Stevens Heating Ltd	Unit 12, Meadow Lane Farm	London Road	Stapeley	Nantwich	CW5 7JU
A M Plumbing	Westleigh	Alraham	Tarporley	Cheshire	CW6 9JE
Tanktec Ltd	21 Manchester Road	Woolston	Warrington	Cheshire	WA1 4AE
Hallam Heat	Archive House	4 Vine Street	Hazel Grove	Cheshire	SK7 4JS
Alcock Heating & Plumbing Co Ltd	Unit 3, Newman Close	Greenfield Trading Estate	Congleton	Cheshire	CW12 4TR
David J Byram	10 Essex Close	Congleton		Cheshire	CW12 1SH
Grosvenor Heating Ltd	7 Thornberry Close	Saughall	Chester	Cheshire	CH1 6AW
P H Jones Ltd	Aqua House	Hampton Heath Ind. Estate	Nr Malpas	Cheshire	SY14 8LY
Avec Cookers Limited	Mereside Farm	Chester Road	Altrincham	Cheshire	WA14 3RU
Miles Plumbing	4 Manor Farm Court	Manor Lane	Hawarden	Cheshire	CH5 3PL
Danny Morris Heating and Plumbing	14 Upton Drive	Upton	Chester	Cheshire	CH2 1BU
B W Wilson	7 Dixon Road	Buglawton	Congleton	Cheshire	CW12 2BG
Barlows UK Ltd	Clifford House	Hampton Heath Industrial Estate	Malpas	Cheshire	SY14 8LU
S L Mears Plumbing & Heating	27 Caerleon Close	Winsford		Cheshire	CW7 2LN
Phil Clegg	23 St Oswalds Close	Malpas		Cheshire	SY14 8QT
A P S	12 Newquay Drive	Bramhall	Stockport	Cheshire	SK7 2HT
M A Swain Heating & Plumbing Ltd	5 The Green	Reaseheath	Nantwich	Cheshire	CW5 6DE
Barlow Walsh Plumbing	Unit 8 Waterside Mill	Macclesfield		Cheshire	SK11 7HG

A9 Plumbing & Heating	24 Proctors Lane	Ettiley Heath	Sandbach	Cheshire	CW11 3NA
A J S Plumbing & Heating Ltd	5 Petham Court	Widnes		Cheshire	WA8 9AW
Julian Bland	4 Barrymore Road	Weaverham	Northwich	Cheshire	CW8 3LN
P C Plumbing & Heating Services	58 Deeside	Whitby	Ellesmere Port	Cheshire	CH65 6RQ
Steve Latham Plumbing & Heating	Bank House Farm	Chorley	Nantwich	Cheshire	CW5 8JR
Birtles Solutions	97 Ash Road	Cuddington	Northwich	Cheshire	CW8 2PD
O'Neil Plumbing & Heating	34 Carlton Road	Witton Park	Northwich	Cheshire	CW9 5PN
J E Dean (Hazel Grove) Ltd	15 Napier Street	Hazel Grove	Stockport	Cheshire	SK7 4EW
Allan Stubbs Plumbing and Heating	2 Huxley Lane	Tiverton	Tarporley	Cheshire	CW6 9NB
Adrian Cox Plumbing & Heating Ltd	418 Crewe Road	Wistaston	Crewe	Cheshire	CW2 6QN
Richard J Brown Heating	61 Birchin Lane	Nantwich		Cheshire	CW5 6JU
C J Hale Heating & Plumbing	7 Cross O'Th Hill Road	Nomans Heath	Malpas	Cheshire	SY14 8DT
Smiths Installations	15 Langdale Close	Macclesfield		Cheshire	SK11 7YS
Premier Energy Solutions	New Premier House	8 Commercial Brow	Hyde	Cheshire	SK14 2JW
Farndon Heating Solutions	Hazeldene	River Lane	Farndon	Cheshire	CH3 6QG
Maintenance Solutions (GB) Ltd	Unit 29, St Michaels Ind Est	Oldgate	Widnes	Cheshire	WA8 8TL
Tony Baker Plumbing & Heating	Roselands	Oldcastle Lane	Malpas	Cheshire	SY14 7NF
G T Plumbing & Heating	10 Swanlow Avenue	WINSFORD		Cheshire	CW7 1PB
Plumbfast U.K.	28 Rope Lane	Shavington		Cheshire	CW2 5DT
Cheshire Heating Services Limited	21 Manchester Road	Woolston	Warrington	Cheshire	WA1 4AE
Electrical & Mechanical Services	120 Heyes Lane	Alderley Edge		Cheshire	SK9 7LE
R D Anthony Domestic Technical	174 Crewe Road	Sandbach		Cheshire	CW11 4PY
Robs Oil Boiler Services	Chestnut Lodge	Astbury	Congleton	Cheshire	CW12 4R
TW Heating	Almond Tree Cottage	Chester Road	Kelsall	Cheshire	CW6 0SD
S R Hankey T/A Commercial	Smithy Bank	Sarn	Nr Malpas	Cheshire	SY14 7LN
M & L A Race Ltd	38 Booth Bed Lane	Goostrey	Crewe	Cheshire	CW4 8NA

Appendix 7 – Postcard designs



Dear business,

Not having access to mains gas means that your business heating costs can be twice that of your competitors.

However the government is bringing forward a new incentive that will pay you to use renewable heating sources each year for 15 years. The scheme, due to start in 2011, is called the Renewable Heat Incentive or RHI.

You could be using green heating oil, biomass, ground source heat pumps and other low carbon heating technologies.

In advance of this scheme we are contacting businesses in Cheshire and Warrington who are not connected to mains gas and have the most to benefit.

To read more about the RHI and to register to be contacted by an impartial advisor:

- Visit www.merseyforest.org.uk/RHI
- Or call The Mersey Forest Offices on 01925 816217.

There is nothing to lose and potentially much to gain.



David Jones
Acme Ltd
16 Smith Street
Suburb
Warrington
WA6 3RS



Printed on 25% post consumer recycled, 70% virgin FSC paper.



Without mains gas is your heating costing a packet?

A new government scheme could help - don't leave your business out in the cold.

Dear business,

Not having access to mains gas means that your business heating costs can be twice that of your competitors.

However the government is bringing forward a new incentive that will pay you to use renewable heating sources each year for 15 years. The scheme, due to start in 2011, is called the Renewable Heat Incentive or RHI.

You could be using green heating oil, biomass, ground source heat pumps and other low carbon heating technologies.

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David Jones
Acme Ltd
16 Smith Street
Suburb
Warrington
WA6 3RS



Printed on 25% post consumer recycled, 70% virgin FSC paper.

When it comes to heating,
is being
off mains gas
 costing your business
 more than
just pennies?

Dear business,

Not having access to mains gas means that your business heating costs can be twice that of your competitors.

However the government is bringing forward a new incentive that will pay you to use renewable heating sources each year for 15 years. The scheme, due to start in 2011, is called the Renewable Heat Incentive or RHI.

You could be using green heating oil, biomass, ground source heat pumps and other low carbon heating technologies.

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